

CLAIMS

1. A relocatable traffic barrier system including a plurality of elongate barrier modules connected end-to-end, each module having a cavity for receiving a ballast of a fluid material wherein the barrier system includes at least one crash rail extending lengthwise along at least one side of the plurality of elongate barrier modules wherein the at least one crash rail is secured to selected elongate barrier modules by a deformable member said deformable member being disposed between the at least one crash rail and the selected elongate barrier modules.
2. A relocatable traffic barrier system according to claim 1 wherein the fluid material is water.
3. A relocatable traffic barrier system according to claim 1 wherein the crash rail is formed from a plurality of sections and extends over and is mounted upon a plurality of adjacent modular barriers.
4. A relocatable traffic barrier system according to claim 1 wherein the crash rail is a steel W beam.
5. A relocatable traffic barrier system according to claim 1 wherein the deformable member includes a deformable element design to absorb or accommodate the majority of the deformation of the member.
6. A relocatable traffic barrier system according to claim 5 wherein the deformable element is a C-section of metal disposed vertically on a first portion of the deformable member with the open side of the C-section facing away from the oncoming traffic.
7. A relocatable traffic barrier system according to claim 1 wherein the deformable member includes a first portion and a deformable element wherein the first portion is in the shape of a bracket that has a vertical face spaced away from the module and wherein the first portion includes an angled brace.
8. A deformable member for mounting a crash rail to at least one elongate barrier module, each of the at least one elongate barrier modules including a cavity for receiving a ballasting fluid, each said module being adapted for end-to-end connection to an adjacent elongate module, said

deformable member including a first part for abutment with a first face of a said elongate barrier module and securable to said first face by at least one fastener, a deformable element extending from said first part, and a connection means for engagement of the crash rail to the deformable
5 element.

9. A deformable member according to claim 8 wherein the deformable member includes a deformable element design to absorb or accommodate the majority of the deformation of the member.

10. A deformable member according to claim 9 wherein the
10 deformable element is a C-section of metal disposed vertically on a first portion of the deformable member with the open side of the C-section facing away from the oncoming traffic.

11. A deformable member according to claim 8 wherein the deformable member includes a first portion and a deformable element
15 wherein the first portion is in the shape of a bracket that has a vertical face spaced away from the module and wherein the first portion includes an angled brace.

12. A method for installing a traffic barrier including connecting a plurality of elongate barrier modules end-to-end wherein each module
20 comprises a cavity for receiving a ballast of a fluid material, ballasting at least some of the modules by filling respective cavities within said modules with a fluid material, securing a deformable member to selected modules and securing to the deformable members at least one crash rail extending lengthwise along at least one side of the barrier wherein the deformable
25 member is disposed between the at least one crash rail and the selected elongate barrier modules.